



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
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ATTY. DOCKET NO.
1247-0524PAPPLICATION NO.
10/712,094APPLICANT
R. KAWAI et al.FILING DATE
November 14, 2003GROUP
2851**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
7/1	JP	1-75050	U	1989-05-22	JAPAN			X*	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Peter R. Kawai

DATE CONSIDERED

3/30/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* = partial translation

TCB/pjh